

## **FAQs**

### **1. What is green building?**

“It is the practice of increasing efficiency with which buildings use resources – energy, water and materials – while reducing building impacts on human health and the environment.”

### **2. List any four threats of climate change?**

- a. Floods
- b. Droughts
- c. Storms
- d. Fire

### **3. State few green building concepts.**

- a. Sustainable site planning
- b. Building Design optimization
- c. Energy performance optimization
- d. Renewal energy utilization
- e. Water and Waste management
- f. Solid waste management
- g. Sustainable building material and construction technology
- h. Health, well being and environmental quality

### **4. What is a green building rating system?**

- A green building rating system is an evaluation tool that measures environmental performance of a building through its life cycle.
- Each criterion has pre-assigned point and sets performance benchmarks and goals that are largely quantifiable

### **5. State few green building criterion in CII SOHRABJI GODREJ BUILDING.**

**COURTYARD:** The courtyards act as “light wells,” illuminating adjacent work areas. When this light is not sufficient, sensors trigger the deployment of efficient electric lights.

Dimmers automatically control the illumination levels, turning the lights off when they're unnecessary. Also, occupancy sensors prevent a light from being switched off at an unoccupied workstation.

**ROOF GARDEN:** Absorbing heat and radiating it into the building. This is minimized through the roof gardens covering 55% of the roof area.

**NATURAL LIGHTING :** Natural light deflection systems can direct light deep into the room and ensure better natural lighting provisions.